

Product Datasheet

Potassium Channel Kv3.1 Antibody - BSA Free NBP2-30395

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-30395

Potassium Channel Kv3.1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

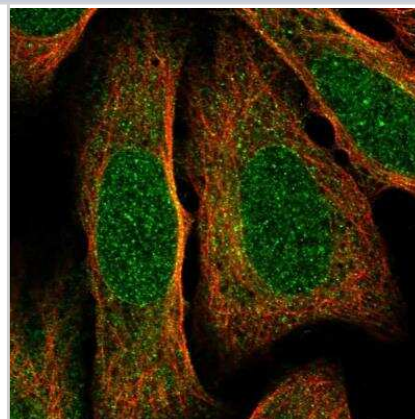
Description	Novus Biologicals Rabbit Potassium Channel Kv3.1 Antibody - BSA Free (NBP2-30395) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3746
Gene Symbol	KCNC1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: EEALDSFGGAPLDNSADDADADGPGDSGDGEDELEMTKRLALSDS

Product Application Details

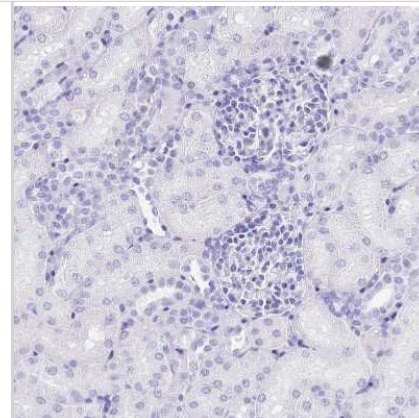
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

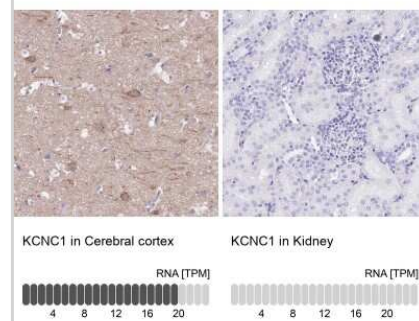
Immunocytochemistry/Immunofluorescence: Potassium Channel Kv3.1 Antibody [NBP2-30395] - Staining of human cell line U-2 OS shows localization to nucleus, nuclear membrane and cytosol. Antibody staining shown in green.



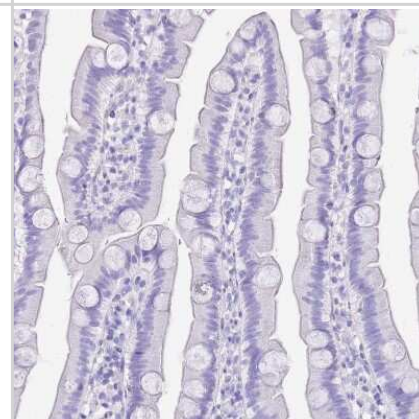
Immunohistochemistry-Paraffin: Potassium Channel Kv3.1 Antibody [NBP2-30395] - Staining of human kidney shows no positivity in cells in tubules as expected.



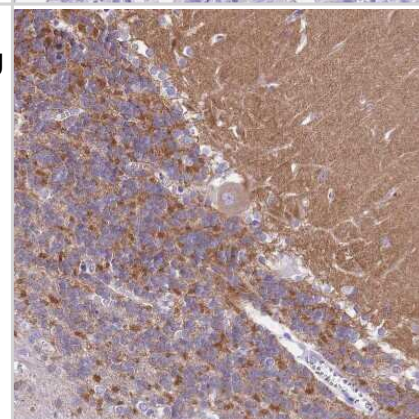
Immunohistochemistry-Paraffin: Potassium Channel Kv3.1 Antibody [NBP2-30395] - Analysis in human cerebral cortex and kidney tissues. Corresponding KCNC1 RNA-seq data are presented for the same tissues.



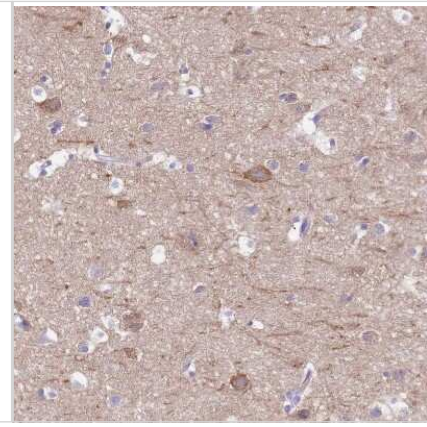
Immunohistochemistry-Paraffin: Potassium Channel Kv3.1 Antibody [NBP2-30395] - Staining of human small intestine shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: Potassium Channel Kv3.1 Antibody [NBP2-30395] - Staining of human cerebellum shows moderate to strong cytoplasmic positivity in granular layer.



Immunohistochemistry-Paraffin: Potassium Channel Kv3.1 Antibody [NBP2-30395] - Staining of human cerebral cortex shows weak to moderate cytoplasmic positivity in neurons.





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Products Related to NBP2-30395

NBP2-30395PEP	Potassium Channel Kv3.1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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